

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: April 28, 2006, 10:24:00 ; Search time 47 Seconds
(without alignments)
49.254 Million cell updates/sec

Title: US-10-809-144-10

Perfect score: 96

Sequence: 1 XXXXXXXXKFVRSRRPTASCALAFVN 28

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/prodata/1/iaa/5 COMB.pep:*
- 2: /cgn2_6/prodata/1/iaa/6 COMB.pep:*
- 3: /cgn2_6/prodata/1/iaa/H COMB.pep:*
- 4: /cgn2_6/prodata/1/iaa/PCUS COMB.pep:*
- 5: /cgn2_6/prodata/1/iaa/RE COMB.pep:*
- 6: /cgn2_6/prodata/1/iaa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	96	100.0	169	1	US-08-534-975-2
2	96	100.0	169	1	US-08-954-470-2
3	96	100.0	169	2	US-09-129-855A-2
4	96	100.0	169	2	US-09-247-154-2
5	96	100.0	169	2	US-09-480-718-2
6	96	100.0	169	2	US-09-610-833-2
7	96	100.0	169	2	US-09-129-855A-2
8	47	49.0	24	1	US-08-637-759B-495
9	47	49.0	24	2	US-08-871-355A-495
10	47	49.0	24	2	US-09-201-945-495
11	45	46.9	135	2	US-09-489-039A-279
12	45	46.9	303	2	US-09-252-991A-27884
13	44	45.8	146	2	US-09-252-991A-25680
14	43	44.8	326	2	US-09-252-991A-24487
15	42.5	44.3	108	2	US-08-189-039A-12459
16	42	43.8	314	2	US-09-252-991A-23723
17	42	43.8	1702	2	US-09-854-133-434
18	41	42.7	304	2	US-09-252-991A-31805
19	41	42.7	386	2	US-09-252-991A-27940
20	41	42.7	402	2	US-09-252-991A-30252
21	41	42.7	509	2	US-09-270-767-43544
22	41	42.7	841	2	US-09-270-767-45924
23	40	41.7	112	2	US-09-252-991A-26083
24	40	41.7	230	2	US-09-252-991A-28574
25	40	41.7	276	2	US-09-252-991A-20156
26	39	40.6	486	2	US-09-252-991A-31829
27	39	40.6	63	2	US-09-621-976-6007

28	39	40.6	119	2	US-09-270-767-43672	Sequence 43672, A
29	39	40.6	133	2	US-09-252-991A-26211	Sequence 26211, A
30	39	40.6	152	2	US-09-252-991A-17242	Sequence 17242, A
31	39	40.6	164	2	US-09-252-991A-16730	Sequence 16730, A
32	39	40.6	182	2	US-09-252-991A-21354	Sequence 21354, A
33	39	40.6	213	2	US-09-252-991A-23155	Sequence 23155, A
34	39	40.6	233	2	US-09-252-991A-19422	Sequence 19422, A
35	39	40.6	300	2	US-09-252-991A-23155	Sequence 23155, A
36	39	40.6	355	1	US-08-411-314C-2	Sequence 19422, A
37	39	40.6	446	2	US-09-270-767-57633	Sequence 2, Appli
38	39	40.6	466	2	US-09-270-767-42346	Sequence 57633, A
39	39	40.6	487	2	US-09-252-991A-29118	Sequence 42346, A
40	39	40.6	508	2	US-09-270-767-44887	Sequence 29118, A
41	38.5	40.1	638	2	US-09-252-991A-26597	Sequence 44887, A
42	38	39.6	108	2	US-09-328-352-5869	Sequence 26597, A
43	38	39.6	121	2	US-09-252-991A-28079	Sequence 5869, Ap
44	38	39.6	149	2	US-09-513-999C-4897	Sequence 48079, A
45	38	39.6	152	2	US-09-252-991A-25912	Sequence 25912, A

ALIGNMENTS

RESULT 1
US-08-534-975-2
; Sequence 2, Application US/08534975
; Patent No. 5723313
; GENERAL INFORMATION:
; APPLICANT: Sherr, Charles, J.
; APPLICANT: Queller, Dawn, E.
; TITLE OF INVENTION: ARF-p19, A No. 5723313el Regulator of the Mammalian Cell
; TITLE OF INVENTION: Cycle
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/534,975
FILING DATE: 28-SEP-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Fox, Samuel, L.
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 0656.0590000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 169 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-534-975-2

Query Match 100.0%; Score 96; DB 1; Length 169;
Best Local Similarity 100.0%; Pred. No. 1.9e-08;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 10 KFYRSRRPTASCALAFVN 28

Db 26 KFYRSRRPTASCALAFVN 44